Project WET Activities With NH Frameworks For Science Literacy

Adventures in Density

PS1– All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

2 – Properties

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

3 – Conducting Scientific Investigations

AfterMath

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

A-Maze-Ing Water

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Aqua Bodies

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species)

2 – Living Things and Organization

LS4 –Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

3 – Human Identity

Aqua Notes

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species).

2 – Living Things and Organization

LS4 – Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

3 – Human Identity

Back to the Future

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Branching Out!

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

2 – Composition and Features

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Capture, Store, and Release

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

CEO (The)

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

4 – Career and Technical Education

SPS3 – Personal, Social, and Technological Perspectives

3 – Science and Technology; Technological Design and Application

SPS4 – Science Skills for Information, Communication and Media Literacy

1 – Information and Media Literacy

2 – Communication Skills

Choices and Preferences, Water Index

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Cold Cash in the Icebox

PS1 – All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

2 – Properties

Cold Cash in the Icebox (cont.)

PS4 – The growth of scientific knowledge in Physical Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

1 – Design Technology

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions
2 – Designing Scientific Investigations
3 – Conducting Scientific Investigations
4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

4 – Problem Identification, Formulation, and Solution

Color Me A Watershed

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local And Global): Uses Of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Common Water

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

Common Water (cont.)

SPS1 – Scientific Inquiry and Critical Thinking Skills
4 – Representing and Understanding Results of Investigations

Dilemma Derby

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.
3 – Social Issues (Local and Global): Uses Of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills
4 – Representing and Understanding Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives
2 – Common Environmental Issues, Natural Resources Management and Conservation

SPS4 – Science Skills for Information, Communication and Media Literacy
9 – Social Responsibility

Drop in the Bucket (A)

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.
7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills
1 – Making Observations and Asking Questions
4 – Representing and Understanding Results of Investigations

Dust Bowls and Failed Levees

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.
1 – Atmosphere, Climate, and Weather

Dust Bowls and Failed Levees (cont.)

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local And Global): Uses Of Earth Materials and Environmental Change

SPS4 – Science Skills for Information, Communication and Media Literacy

1 – Information and Media Literacy

2 – Communication Skills

Easy Street

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local And Global): Uses Of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

SPS2 – Unifying Concepts of Science (including Tri–State Targets by Big Idea)

4 – Patterns of Change

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

Energetic Water

PS2 – Energy is necessary for change to occur in matter. Energy can be stored, transferred and transformed, but cannot be destroyed.

1 – Change

3 – Energy

SPS1 – Scientific Inquiry and Critical Thinking Skills–1

1 – Making Observations and Asking Questions

2 – Designing Scientific Investigations

5 – Evaluating Scientific Investigations

Every Drop Counts

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

SPS2 – Unifying Concepts of Science (including Tri–State Targets by Big Idea)

3 – Models and Scale

Get the Ground Water Picture

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Geyser Guts

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

2 – Composition and Features

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

Grave Mistake (A)

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

Grave Mistake (A) (cont.)

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

5 – Evaluating Scientific Investigations

Great Stony Book (The)

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

2 – Composition and Features

3 – Fossils

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

5 – Processes and Rates of Change

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

Great Water Journeys

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

1 – Information and Media Literacy

2 – Communication Skills

H_2Olympics

PS1– All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

2 – Properties

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

3 – Conducting Scientific Investigations

Hangin' Together

PS1 – All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

1 – Composition

2 – Properties

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Hot Water

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

SPS4 – Science Skills for Information, Communication and Media Literacy–1

1 – Making Observations and Asking Questions

2 – Designing Scientific Investigations

House of Seasons (A)

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

1 – Atmosphere, Climate, and Weather

House of Seasons (A)

SPS1 – Scientific Inquiry and Critical Thinking Skills
4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy
2 – Communication Skills

Humpty Dumpty

LS2 – Energy flows and matter recycles through an ecosystem.
1 – Environment

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.
3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills
4 – Representing and Understanding Results of Investigations

SPS2 – Unifying Concepts of Science (including Tri–State Targets by Big Idea)
2 – Systems and Energy

SPS3 – Personal, Social, and Technological Perspectives
2 – Common Environmental Issues, Natural Resources Management and Conservation

SPS4 – Science Skills for Information, Communication and Media Literacy
3 – Critical Thinking and Systems Thinking
4 – Problem Investigation, Formulation, and Solution

Imagine!

PS1– All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).
2 – Properties

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.
7 – Water

Incredible Journey (The)

PS1– All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

2 – Properties

PS2 – Energy is necessary for change to occur in matter. Energy can be stored, transferred and transformed, but cannot be destroyed.

3 – Energy

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Irrigation Interpretation

LS5 – The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Medical Technology and Biotechnology

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

Is There Water on Zork?

PS1 – All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

2 – Properties

Is There Water on Zork? (cont.)

SPS1 – Scientific Inquiry and Critical Thinking Skills
- 1 – Making Observations and Asking Questions
- 2 – Designing Scientific Investigations
- 3 – Conducting Scientific Investigations
- 4 – Representing and Understanding Results of Investigations
- 5 – Evaluating Scientific Investigations

Just Passing Through

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.
- 7 – Water

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.
- 3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills
- 4 – Representing and Understanding Results of Investigations

Let's Even Things Out

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species).
- 2 – Living Things and Organization

SPS2 – Unifying Concepts of Science (including Tri–State Targets by Big Idea)
- 4 – Patterns of Change

Life Box (The)

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species).
- 2 – Living Things and Organization

LS2 – Energy flows and matter recycles through an ecosystem.
- 1 – Environment

Life Box (The) (cont.)

SPS1 – Scientific Inquiry and Critical Thinking Skills
5 – Evaluating Scientific Investigations

Life in the Fast Lane

LS2 – Energy flows and matter recycles through an ecosystem.
1 – Environment

LS3 – Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).
1 – Change

SPS1 – Scientific Inquiry and Critical Thinking Skills
1 – Making Observations and Asking Questions
4 – Representing and Understanding Results of Scientific Investigations

SPS2 – Unifying Concepts of Science (including Tri–State Targets by Big Idea)
4 – Patterns of Change

SPS3 – Personal, Social, and Technological Perspectives
2 – Common Environmental Issues, Natural Resources Management and Conservation

Long Haul (The)

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.
3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills
4 – Representing and Understanding Results of Investigations

Macroinvertebrate Mayhem

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species).
2 – Living Things and Organization

LS2 – Energy flows and matter recycles through an ecosystem.
1 – Environment

LS3 – Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).
1 – Change

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.
7 – Water

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.
3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills
4 – Representing and Understanding Results of Investigations

Molecules in Motion

PS1– All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).
1 – Composition
2 – Properties

PS2 – Energy is necessary for change to occur in matter. Energy can be stored, transferred and transformed, but cannot be destroyed.
1 – Change

SPS1 – Scientific Inquiry and Critical Thinking Skills
4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy
2 – Communication Skills

Money Down the Drain

SPS1 – Scientific Inquiry and Critical Thinking Skills
1 – Making Observations and Asking Questions
4 – Representing and Understanding Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives
2 – Common Environmental Issues, Natural Resources Management and Conservation

Nature Rules!

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.
1 – Atmosphere, Climate, and Weather

SPS3 – Personal, Social, and Technological Perspectives
1 – Collaboration in Scientific Endeavors

SPS4 – Science Skills for Information, Communication and Media Literacy
1 – Information and Media Literacy
2 – Communication Skills

No Bellyachers

LS4 – Humans are similar to other species in many ways, and yet are unique among Earth's life forms.
2 – Disease

Old Water

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.
3 – Fossils
5 – Processes and Rates of Change

SPS1 – Scientific Inquiry and Critical Thinking Skills
4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy
2 – Communication Skills

Pass the Jug

SPS1 – Scientific Inquiry and Critical Thinking Skills
1 – Making Observations and Asking Questions
4 – Representing and Understanding Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives
2 – Common Environmental Issues, Natural Resources Management and Conservation

SPS4 – Science Skills for Information, Communication and Media Literacy
6 – Interpersonal and Collaborative Skills

People of the Bog

LS2 – Energy flows and matter recycles through an ecosystem.
1 – Classification

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.
2 – Composition and Features
5 – Processes and Rates of Change

SPS1 – Scientific Inquiry and Critical Thinking Skills
1 – Making Observations and Asking Questions
4 – Representing and Understanding Results of Investigations

Perspectives

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.
3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS3 – Personal, Social, and Technological Perspectives
2 – Common Environmental Issues, Natural Resources Management and Conservation

SPS4 – Science Skills for Information, Communication and Media Literacy
1 – Information and Media Literacy
9 – Social Responsibility

Piece It Together

LS2 – Energy flows and matter recycles through an ecosystem.
1 – Environment

LS4 –Humans are similar to other species in many ways, and yet are unique among Earth's life forms.
1 – Behavior

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.
1 – Atmosphere, Climate, and Weather
7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills
4 – Representing and Understanding Results of Investigations

Poetic Precipitation

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.
1 – Atmosphere, Climate, and Weather
7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills
4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy
2 – Communication Skills

Poison Pump

LS4 – Humans are similar to other species in many ways, and yet are unique among Earth's life forms.
2 – Disease

LS5 – The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.
3 – Social Issues (Local and Global): Medical Technology and Biotechnology
4 – Career Technical Education Connections

Poison Pump (cont.)

SPS1 – Scientific Inquiry and Critical Thinking Skills
4 – Representing and Understanding Results of Investigations

Price is Right (The)

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.
3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills
1 – Making Observations and Asking Questions
4 – Representing and Understanding Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives
2 – Common Environmental Issues, Natural Resources Management and Conservation
3 – Science and Technology; Technological Design and Application

SPS4 – Science Skills for Information, Communication and Media Literacy
2 – Communication Skills

Pucker Effect (The)

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.
7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills
1 – Making Observations and Asking Questions
4 – Representing and Understanding Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives
2 – Common Environmental Issues, Natural Resources Management and Conservation

Rainy–Day Hike

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

Reaching Your Limits

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

Salt Marsh Players

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species)

2 – Living Things and Organization

LS2 – Energy flows and matter recycles through an ecosystem.

1 – Environment

LS4 –Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

1 – Behavior

Salt Marsh Players (cont.)

SPS1 – Scientific Inquiry and Critical Thinking Skills
4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy
2 – Communication Skills

Sparkling Water

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.
7 – Water

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.
3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills
2 – Designing Scientific Investigations
3 – Conducting Scientific Investigations
4 – Representing and Understanding Results of Investigations

Stream Sense

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.
7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills
1– Making Observations and Asking Questions

Sum of the Parts

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.
7 – Water

Sum of the Parts (cont.)

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

SPS2 – Unifying Concepts of Science (including Tri–State Targets by Big Idea)

2 – Nature of Science

Super Bowl Surge

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

3 – Science and Technology; Technological Design and Application

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

3 – Critical Thinking and Systems Thinking

4 – Problem Identification, Formulation, and Solution

5 – Creativity and Intellectual Curiosity

Super Sleuths

LS4 –Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

2 – Disease

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

Thirsty Plants

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species).
2 – Living Things and Organization

LS2 – Energy flows and matter recycles through an ecosystem.
3 – Recycling of Materials

SPS1 – Scientific Inquiry and Critical Thinking Skills
3 – Conducting Scientific Investigations

Thunderstorm (The)

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.
1 – Atmosphere, Climate, and Weather

SPS1 – Scientific Inquiry and Critical Thinking Skills
1 – Making Observations and Asking Questions
4 – Representing and Understanding Results of Investigations

Water: Read All About It

SPS4 – Science Skills for Information, Communication and Media Literacy
1 – Information and Media Literacy
2 – Communication Skills

Water Address

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, and species).
2 – Living Things and Organization

SPS1 – Scientific Inquiry and Critical Thinking Skills
4 – Representing and Understanding Results of Investigations

Water Bill of Rights

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Water Celebration

NONE

Water Concentration

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

SPS2 – Unifying Concepts of Science (including Tri–State Targets by Big Idea)

4 – Patterns of Change

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Water Court

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Water Crossings

NONE

Water in Motion

PS3 – The motion of an object is affected by force.
2 – Motion

SPS1 – Scientific Inquiry and Critical Thinking Skills
1 – Making Observations and Asking Questions
2 – Designing Scientific Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy
2 – Communication Skills

Water Match

PS1 – All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).
2 – Properties

SPS1 – Scientific Inquiry and Critical Thinking Skills.
1 – Making Observations and Asking Questions

Water Messages in Stone

NONE

Water Meter

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.
3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

Water Meter (cont.)

SPS1 – Scientific Inquiry and Critical Thinking Skills
1 – Making Observations and Asking Questions
4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy
6 – Interpersonal and Collaborative Skills

Water Models

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.
1 – Atmosphere, Climate, and Weather
2 – Composition and Features
7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills
1 – Making Observations and Asking Questions
4 – Representing and Understanding Results of Investigations

SPS2 – Unifying Concepts of Science (including Tri–State Targets by Big Idea)
3 – Models and Scale

SPS4 – Science Skills for Information, Communication and Media Literacy
2– Communication Skills

Water Works

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.
3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills
1 – Making Observations and Asking Questions
4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy
6 – Interpersonal and Collaborative Skills

Water Write

NONE

Wet Vacation

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.
1 – Atmosphere, Climate, and Weather

SPS1 – Scientific Inquiry and Critical Thinking Skills
4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy
2 – Communication Skills

Wet–Work Shuffle

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.
3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change
4 – Career and Technical Education

SPS1 – Scientific Inquiry and Critical Thinking Skills
4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy
2 – Communication Skills

Wetland Soils in Living Color

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.
6 – Rock Cycle

SPS1 – Scientific Inquiry and Critical Thinking Skills
4 – Representing and Understanding Results of Investigations

What's Happening?

NONE

What's the Solution?

PS1 – All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

1 – Composition
2 – Properties

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions
4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

3 – Critical Thinking and Systems Thinking

Where Are the Frogs?

LS3 – Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 – Change

PS1– All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

1 – Composition

ESS1 –The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions
3 – Conducting Scientific Investigations
4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Whose Problem Is It?

ESS4 – The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

1 – Information and Media Literacy

Wish Book

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

1 – Information and Media Literacy